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ABSTRACT OF THE DISCLOSURE

A method and user interface is provided for use on a computer system coupled with a scanner for performing an automatic scan operation on an original document, with the computer system running a scanner driver and an application program. By the method and user interface, the scanner is first activated to perform a primitive scan operation on the original document based on the default image processing settings to thereby obtain a primitive scanned image. Next, the scanner driver is activated to perform a set of image processing routines on the primitive scanned image to thereby obtain the image qualities of the original document; and based on the image qualities of the original document, a set of suited image processing settings are specified for optimal scan of the original document. The suited image processing settings are then used to replace the default image processing settings, and the scanner is again activated to perform a final scan operation on the original document based on the suited image processing settings to thereby obtain a final scanned image which is transferred to the application program for use by the application program.

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